



Andrew & David after the event

Our Most Recent Borehole in Kamketo Village West Pokot.

In June 2024 Andrew Symons and David Saunders completed a Half Iron Man event planning to raise £7000 to provide a borehole for a community in West Pokot Kenya they successfully completed the event and raised £6500. Through a friendship with a local village elder called Ngironyang a man in his mid-eighties we heard that his village needed a reliable and clean water supply, the only water supply being a seasonal river when the river is dry, they were digging into the riverbed to find water. Les Saunders one of our trustees visited the village in the dry season in Jan 2024 to find women and young children digging for water. David and Andrew agreed that this would be where the money was spent.



Drilling

The plan was for them to travel to Kenya in September 2024 to see the borehole drilled, a geological survey was commissioned which indicated favorable conditions and a reasonably good chance of a sufficient supply of water. A drilling permit was applied for to enable drilling to start, On Saturday 14th of September the drilling crew mobilised to the site from our base in Konyao they encountered an issue getting to site despite work having been done to improve the access to the village the rig got



Rig Stuck in Riverbed

stuck in a dry riverbed the crew worked to site.

hard and were able to get

The site was cleared and drilling commenced on the Monday the first aquifer (water) was struck at 33m then a further one at 57m we drilled to a total depth of 100m the survey indicated there would be at least one more aquifer which was not the case. At 60m the compressor developed a problem which thankfully we were able to fix despite delaying the drilling by a week.

The borehole was then flushed to clear the cuttings from the hole, borehole casings were installed the hole was then flushed again. We test pumped the hole for a period of 6 hours the hole produced about 2.5 cubic meters an hour plenty of water for the community.

Concrete blocks produced on site were then used to build the base of a pump platform with the pump pedestal concreted in, the pump was then installed the following day, the pump platform was completed and plastered we used a local tradesman for finishing of the platform, when this had all cured the borehole was completed ready for use by the community. Whilst it is difficult to be sure this borehole will serve at least 300 people probably more.

Despite trucks stuck in dry riverbeds and compressor breakdowns the borehole drilling and construction went very well.